

PATENT

Customer Number:



22852

PATENT TRADEMARK OFFICE

Attorney Docket No. 05725.0947-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Stage of International
Application No. PCT/FR00/03433 of:)
Eric TERRANOVA et al.)
Application No.: 09/890,856) Group Art Unit: Unassigned
PCT Filed: December 7, 2000) Examiner: Unassigned
Filed: August 7, 2001)
For: COMPOSITIONS FOR DYEING)
KERATINIC FIBRES, CONTAINING)
PARAPHENYLENEDIAMINE)
DERIVATIVES WITH AN AZETIDINYLYL)
GROUP)

#6

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(b)

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. To the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents, including any co-pending patent applications, are attached. Applicants respectfully request that the Examiner consider the listed

documents and indicate that they were considered by making appropriate notations on the attached form.

With respect to the non-English language documents, Applicants submit the following remarks:

1. **DE 23 59 399** - This document is believed to be related to U.S. Patent No. 4,003,699, submitted herewith.
2. **DE 38 43 892** - This document is believed to be related to U.S. Patent No. 5,061,289, submitted herewith.
3. **DE 41 33 957** - This document is believed to be related to U.S. Patent No. 5,380,340.
4. **DE 195 43 988** - This document is believed to be related to U.S. Patent No. 5,766,576, submitted herewith.
5. **DE 299 01 593** - An abstract of the disclosure of this document can be found in the English language Derwent Abstract submitted herewith.
6. **DE 299 02 262** - This document is believed to be related to U.S. Patent No. 6,132,475, submitted herewith.
7. **EP 0 770 375** - An abstract of the disclosure of this document can be found in the English language Derwent Abstract submitted herewith.
8. **EP 0 943 614** - This document is believed to be related to U.S. Patent No. 6,042,620, submitted herewith.

9. FR 2 586 913 - This document is believed to be related to U.S. Patent No. 4,823,985, submitted herewith.

10. FR 2 733 749 - This document is believed to be related to U.S. Patent No. 6,099,592, submitted herewith.

11. FR 2 750 048 - This document is believed to be related to U.S. Patent No. 6,099,593, submitted herewith.

12. JP 2-19576 - An abstract of the disclosure of this document can be found in the English language Derwent Abstract submitted herewith.

13. JP 5-163124 - An abstract of the disclosure of this document can be found in the English language Derwent Abstract submitted herewith.

14. WO 94/08969 - An English language abstract of this foreign language document can be found on the title page of this document.

15. WO 94/08970 - An English language abstract of this foreign language document can be found on the title page of this document.

16. WO 98/01106 - An English language abstract of this foreign language document can be found on the title page of this document.

17. WO 99/12914 - An English language abstract of this foreign language document can be found on the title page of this document.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the

**Attorney Docket No. 05725.0947-00
Application No. 09/890,856**

documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the U.S. Patent Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: Michele C. Bosch
Michele C. Bosch
Reg. No. 40,524

Date: November 7, 2001

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No.	05725.0947-00000	Application No.	09/890,856
Applicant	Eric TERRANOVA et al.		
Filing Date	August 7, 2001	Group:	Unassigned

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	1	4,003,699	Jan. 18, 1977	Rose et al.			
	2	4,823,985	Apr. 25, 1989	Grollier et al.			
	3	5,061,289	Oct. 29, 1991	Clausen et al.			
	4	5,380,340	Jan. 10, 1995	Neunhoeffer et al.			
	5	5,766,576	Jun. 16, 1998	Löwe et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	6 ✓	DE 23 59 399	Jun. 12, 1975	Germany			No
	7 ✓	DE 38 43 892	Jun. 28, 1990	Germany			No
	8 ✓	DE 41 33 957	Apr. 15, 1993	Germany			No
	9 ✓	DE 195 43 988	May 28, 1997	Germany			No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
10 ✓	Ramachandran P. Subrayan et al., "Syntheses and Characterization of Aromatic Secondary and Tertiary Amines and a New Imidazolone from Dicyanoimidazole," Tetrahedron, Vol. 51, No. 22, 1995, pp. 6167-6178.
11 ✓	Hiyoshizo Kotsuki et al., "High Pressure Organic Chemistry; XII. A Convenient Synthesis of Aromatic Amines from Activated Aromatic Fluorides," Journal of Synthetic Organic Chemistry, No. 12, December 1990, pp. 1147-1148.

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
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U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	12	6,042,620	Mar. 28, 2000	Braun et al.			
	13	6,099,592	Aug. 8, 2000	Vidal et al.			
	14	6,099,593	Aug. 8, 2000	Terranova et al.			
	15	6,132,475	Oct. 17, 2001	Chassot et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	16 ✓	DE 299 01 593	May 20, 1999	Germany			Abstract
	17 ✓	DE 299 02 262	Jun. 17, 1999	Germany			No
	18 ✓	EP 0 770 375	May 2, 1997	Europe			Abstract
	19 ✓	EP 0 943 614	Sep. 22, 1999	Europe			No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	20 ✓	John H. Gorvin, "The Synthesis of Di- and Tri-arylamines through Halogen Displacement by Base-activated Arylamines: Comparison with the Ullmann Condensation," Journal of the Chemical Society, Perkin Transactions I, 1988, pp. 1331-1335.					
	21 ✓	D. John Aberhart, "Studies on the Mechanism of Lysine 2,3-Aminomutase," Journal of the Chemical Society, Perkin Transactions I, 1988, pp. 343-350.					
	22 ✓	Dennis J. McNamara et al., "Potent Inhibition of Thymidylate Synthase by Two Series of Nonclassical Quinazolines," Journal of Medicinal Chemistry, Vol. 33, 1990, pp. 2045-2051.					

Examiner	Date Considered
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	23	FR 2 586 913 ✓	Mar. 13, 1987	France			No
	24	FR 2 733 749 ✓	Nov. 8, 1996	France			No
	25	FR 2 750 048 ✓	Dec. 26, 1997	France			No
	26	GB 1 026 978 ✓	Apr. 20, 1966	Great Britain			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
27 ✓	Makoto Adachi et al., "Aminohaloborane in Organic Synthesis. IX. Exclusive <i>ortho</i> Acylation Reaction of N-Monoaminoalkylanilines," Chemical & Pharmaceutical Bulletin, Vol. 33, No. 5, May 1985, pp. 1826-1835.
28 ✓	English language Derwent Abstract of DE 299 01 593, May 20, 1999.
29 ✓	English language Derwent Abstract of EP 0 770 375, May 2, 1997.
30 ✓	English language Derwent Abstract of JP 2-19576, Jan. 23, 1990.
31 ✓	English language Derwent Abstract of JP 5-163124, June 29, 1993.

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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
32 ✓	GB 1 153 196		May 29, 1969	Great Britain			
33 ✓	JP 2-19576		Jan. 23, 1990	Japan			Abstract
34 ✓	JP 5-163124		Jun. 29, 1993	Japan			Abstract
35 ✓	WO 94/08969		Apr. 28, 1994	PCT			Abstract
36 ✓	WO 94/08970		Apr. 28, 1994	PCT			Abstract
37 ✓	WO 95/15765		Jun. 15, 1995	PCT			
38 ✓	WO 98/01106		Jan. 15, 1998	PCT			Abstract
39 ✓	WO 99/12914		Mar. 18, 1999	PCT			Abstract

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